

APPENDIX J
***Soil Boring Location Map and Soil Boring
Logs for Proposed Site.***



66 Glen Avenue
Glen Rock, NJ 07452
Telephone: 201-301-1045
Fax: 201-857-8002
Email: johnsonsoils@gmail.com

July 15, 2009

City of Paterson
c/o Comerro Coppa Architects
97 Lackawanna Avenue
Totowa, NJ 07512

Re: Geotechnical Engineering Report
Proposed Firehouse
City of Paterson
290-296 McBride Avenue
Paterson, NJ
JSC Job # 09-179
Architects Project # CCA0809

This report is submitted to the **City of Paterson** as per our proposal dated June 18, 2009 and revised June 29, 2009C. It includes our findings, conclusions and recommendations related to the construction of a proposed 2-story Firehouse with slab on grade.

The site is located in Paterson, New Jersey. The borings and test pit locations are shown on the plan entitled "Boring & Test Pit Location Plan", which was provided by **Comerro Coppa Architects, PC**.

INVESTIGATIONS

Three (3) borings were completed on July 7, 2009. Two Borings were advanced using truck mounted drilling equipment in accordance with the procedures of the Standard Penetration Test (ASTM-1586). For this test, a standard split barrel sampler of two (2) inches outside diameter, one and three eighth (1 3/8) inches inside diameter is advanced into the soil using a one hundred and forty (140) pound weight hammer falling 30 inches. Standard Penetration Tests were taken continuously from zero (0) to twelve (12) feet and at five (5) feet intervals thereafter.

Six (6) Test pits were dug with a rubber tire backhoe to a depth of ten (10) feet or refusal.

The boring and test pit location plan and record sheet for each boring and test pit is attached to this report.

FINDINGS

Surface Features: The site is an existing vacant lot. The site generally slopes from west to east with an approximate elevation difference of 21 feet. A rock outcropping was also found on the west side of the property, near the existing monument.

Subsurface Conditions: The explorations for this study indicate that the site is underlain by relatively uniform subsurface conditions. The strata are listed below in order of increasing depth. Detailed descriptions of the subsurface conditions are shown on the individual logs of Borings and Test Pits, Plate 3A through 3E.

1. **Topsoil:** A layer of Topsoil was encountered from the surface in Boring 2 & 3 and Test Pits 1, 3 & 6 to depths ranging from six to twelve (6-12) inches below the existing surface grade.
2. **FILL:** A layer of Fill was encountered from the surface in Boring 1 and Test Pits 2, 4 & 5 and below the Topsoil in Boring 2 & 3 to depths ranging from two to five (2-5) feet below the existing surface grade.
3. **Sand & Silt (SM-ML):** A layer of Sand & Silt was encountered below the Fill in Boring 3 to a depth of four (4) feet below the existing surface grade.
4. **Silty Sand (SM):** A layer of Silty Sand was encountered below the Topsoil in Test Pits 1, 3 & 6 and below the Fill in Test Pit 2, 4 & 5 to depths ranging from four feet six inches to eleven feet (4'6"-11') below the existing surface grade.
5. **Well Graded Sand (SW):** A layer of Well Graded Sand was encountered below the Topsoil in Boring 2 & 3, below Fill in Boring 1 to a completion depth of twenty (20) feet below the existing surface grade.

Ground water was observed in the borings from depths ranging from fourteen feet six inches to fifteen feet (14'6"-15') feet at the time of the investigation and in Test Pit 5 at five feet nine inches (5'9") dated 7/14/09. It should be noted that the water level conditions might vary due to variations in seasons, rainfall, temperature and other factors.

COMMENTS AND CONCLUSIONS

The existing Well Graded Sand below the Topsoil and Fill are suitable material for spread footings. Excavation should be into the Well Graded Sand at depths of approximately four (4) feet below the existing surface grade. The excavated footing area can then be replace with crushed stone up to proposed footing elevation.

Please see the following recommendation section for more detailed information.

In the instance where groundwater or surface runoff that may enter the proposed excavations may be effectively controlled by sump pits placed within or adjacent to the proposed excavations. It should be noted that the water level conditions might vary due to variations in rainfall, temperature and other factors at the time of construction

RECOMMENDATIONS

The following geotechnical design and construction recommendations are offered:

1. Foundations:

- a. Excavate down to the medium dense to dense Well Graded Sand or Silty Sand below all Topsoil and Fill.
 - (1) Depth of excavation is estimated to be four (4) feet below the existing surface grade, below all Topsoil and FILL.
 - (2) Excavation should be one foot outside the proposed footing dimension. For example a 2' wide footing should be excavated 4' wide. One additional foot on each side of the proposed footing width.
- b. Compact the bottom of the excavation with a large vibratory compactor or equivalent for a minimum of four (4) passes.
- c. Place a minimum of one (1) foot of crushed stone can be placed at bottom of footing excavation to the proposed bottom of footing elevation.
- d. Use a bearing capacity of four thousand (4,000) pounds per square foot (PSF) on the crushed stone on Well Graded Sand or Silty Sand.

2. Permeability:

- a) Test Pit 4 @ 4' = 7 in/hr.
- b) Test Pit 5 @ 9' = 12 in/hr

3. Minimum depth for frost protection is 3 feet.
4. Use Site Class C seismic classification in accordance with the International Building Code – New Jersey Edition for seismic structural related design. Also, the profile is not considered to be susceptible to liquefaction.
5. Soil Classification “C” as per OSHA 1926 Subpart P App A with maximum allowable slopes (H:V) of 1 ½:1 as per OSHA 1926 Subpart P App B Table B-1.
 - a) This is for short term maximum allowable slopes less than 12 feet.
 - b) Sloping or benching for excavations greater than 20 feet deep shall be designed by a Professional Engineer licensed in the State of New Jersey.
6. Interior Slab:
 - a. Remove all Topsoil and compact the bottom of the slab subgrade area with a large vibratory compactor or equivalent for a minimum of four (4) passes.
 - b) Where compaction is performed, use a Modulus of Subgrade Reaction (k) of one hundred fifty (150) pounds per cubic inch (pci) for slab design.
 - c) A minimum of six (6) inches of ¾” crushed stone should be placed under all slabs on grades.
7. Fill:
 - (a) The existing onsite Topsoil and Fill is unsuitable for use as backfill or controlled fill and can only be placed in grass areas.
 - (b) The existing onsite Well Graded Sand or Silty Sand is suitable for use as backfill or controlled fill when confirmed by a geotechnical engineer at the time of use. All backfill or controlled fill should be placed in accordance to recommendation # 9 & # 10.
 - (c) Controlled fill:
 1. Crushed Stone – ¾” or 1 ½” with no fines
 2. Sand and Gravel with less than 20% passing the #200 sieve.
 3. Recycled Concrete Aggregate (RCA) with less than 20% passing the #200 sieve.
8. Sidewalk or Parking Areas:
 - (a) Proof roll area with a minimum of four passes of heavy vibratory compactor with a minimum static drum weight of 12,000 pounds or equal.
 - (b) Any areas, which are observed to be soft or unstable, should be removed and replaced with controlled fill and compacted as per recommendations # 9 & # 10.

9. Compaction:

- (a) All crushed stone or controlled fill (on-site or imported) should be placed in layers of eight (8) to twelve (12) inches in loose thickness and be uniformly compacted to achieve a density of at least ninety-five (95) percent of the maximum dry density as determined by in the laboratory when tested in accordance with the most recent ASTM D1557 Standard.
- (b) Backfill within confined areas should be placed in layers of six (6) to eight (8) inches in loose thickness and compacted to the same 95% of maximum dry density using portable compaction equipment.

10. The following construction tasks should be inspected by a geotechnical engineer using appropriate laboratory and field testing support:

- Confirmation of undisturbed Well Graded Sand or Silty Sand for all footings, before placement of any crushed stone.
- Compaction and proof rolling of soils at slab subgrade levels.
- Approve all types of controlled fill soils to be used in slab subgrade area.
- Compaction of all controlled fill in slab subgrade areas

Geotechnical Engineering Report
Proposed Firehouse
City of Paterson
290-296 McBride Avenue
Paterson, NJ
JSC Job # 09-179
Architects Project # CCA0809

6 of 6

The recommendations above are based on the data obtained from soil borings performed at the indicated specific locations and from other identified information. This report does not reflect any variations which may occur between borings or across the site apart from the borings. The nature and extent of such variations may not become evident until construction. If variations appear evident, it will be necessary to re-evaluate the recommendations of this report.

This report has been prepared for the specific application to the project noted. In the event that there are changes in the nature, design or locations of the proposed structures, the conclusions and recommendations contained herein are not valid unless the changes are reviewed and the recommendations modified in writing by JSC.

The information and opinions rendered in our report are exclusively for use by **City of Paterson** and JSC will not distribute or publish this report without written consent except as required by law or court order. The information and opinions expressed in this report are given in response to a limited assignment and should be considered and implemented only in light of that assignment. The services provided by JSC in completing this project were consistent with normal standards of the profession. No warranty, expressed or implied, is made.

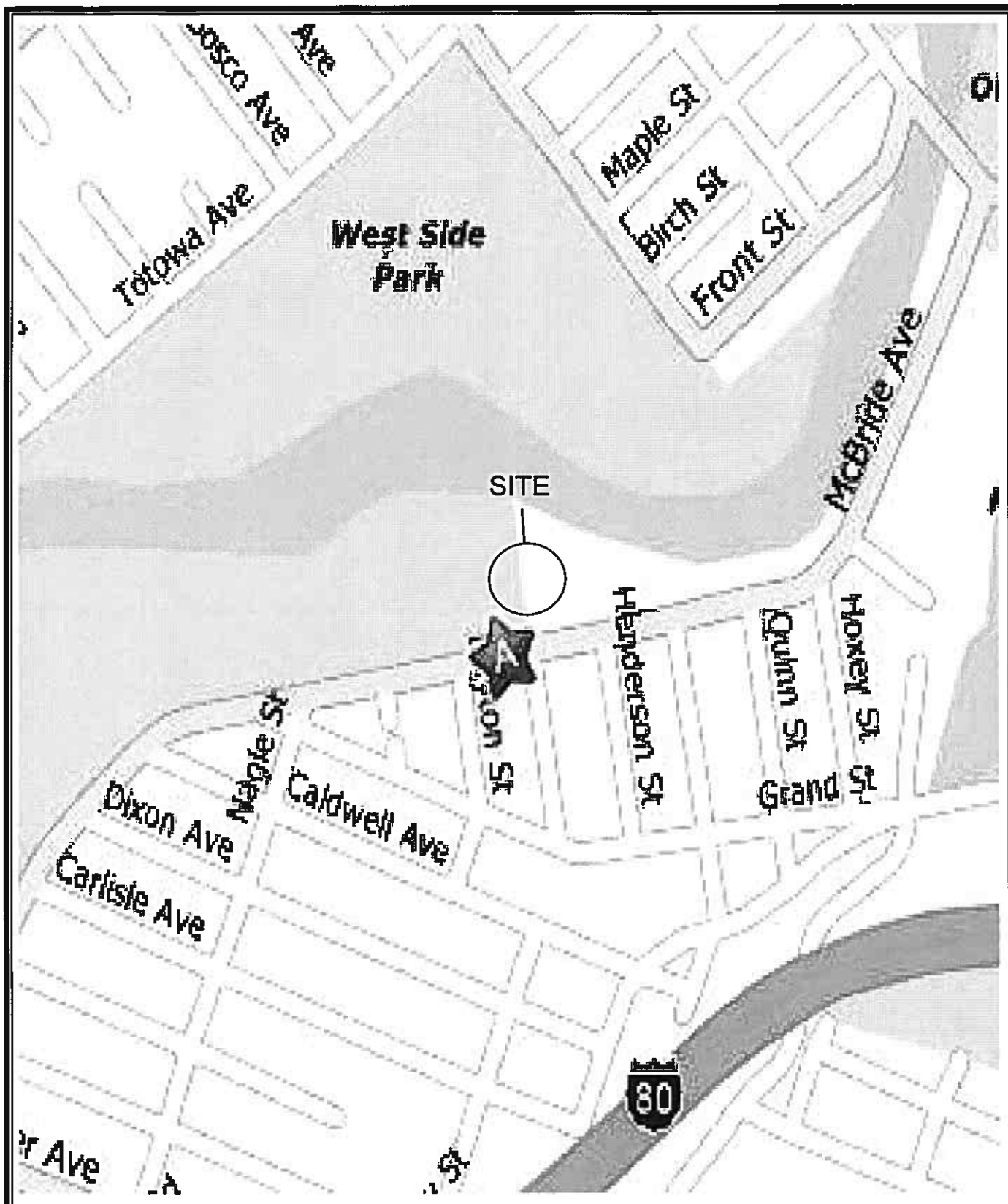
The following Plates are attached to this report:

Plate 1 -	Site Location Map
Plate 2 -	Boring Location Plan
Plate 3A through 3B-	Logs of Test Pits
Plate 3C through 3E -	Log of Borings
Plate 4-	Unified Soil Classification System

Very truly yours,
JOHNSON SOILS COMPANY



Lisa V. Mahle-Greco, P.E.
Project Engineer
NJ Lic. No. 43197

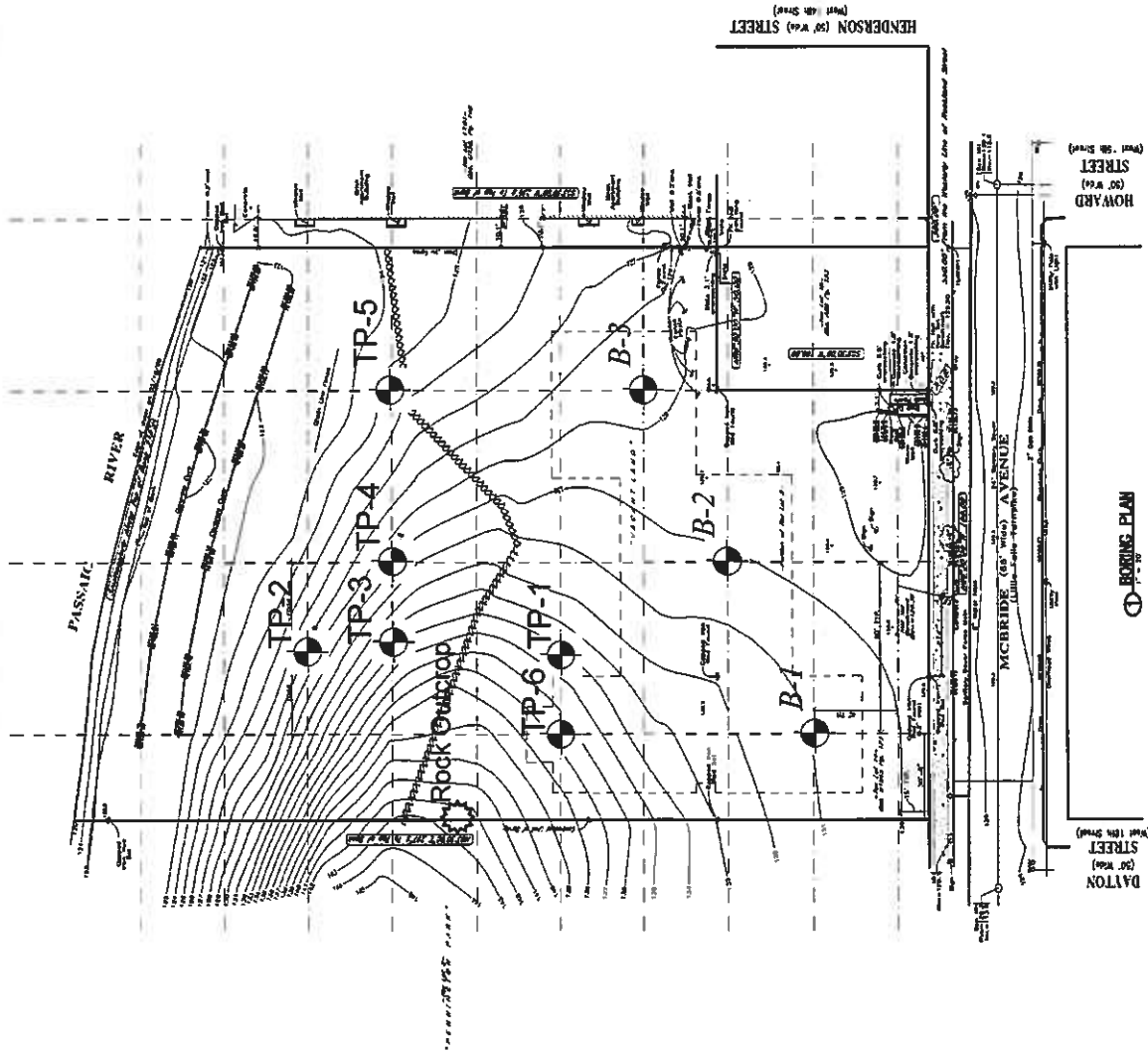
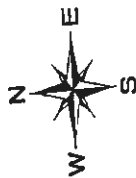


Site Location Plan

JSC #09-179

290-296 McBride Ave.
Paterson, NJ

PLATE 1



NOTE:	
Location	EL. (ft)
TP-1	134.00
TP-2	130.67
TP-3	133.74
TP-4	129.49
TP-5	124.15
TP-6	137.91
B-1	130.27
B-2	130.55
B-3	128.66
Rock Outcrop	143.94



Boring & Test Pit Location Plan

290-296 McBride Ave
Paterson, NJ

JSC # 09-179

PLATE 2



Proposed Firehouse
290-296 McBride Ave
Paterson, NJ
JSC Job # 09-179

Inspected by: J. O'Dowd
Date: 7/9/09

Logs of Test Pits

TP-1 (Surface elevation 134.0)

0-10"	Topsoil
10"- 3'	Brown fine to medium Sand, some Silt
3' - 10'	Brown fine to medium Sand, Little Gravel Dry

TP-2 (Surface elevation 130.67)

0-3'	FILL-Topsoil, Sand, Silt & Gravel
3'-4'6"	Brown fine to medium Sand, some Silt & Gravel with cobbles (SM)
4'6"	Refusal on Basalt Rock Dry

TP-3 (Surface elevation 133.74)

0-12"	Topsoil
12"-18"	Brown fine to medium Sand, some Silt & Gravel with cobbles (SM)
18"	Refusal on Basalt Rock Dry

TP-4 (Surface elevation 129.49)

0-2'4"	FILL-Topsoil, Sand, Silt & Gravel
2'4"-4'6"	Brown fine to medium Sand, little Silt (SM)
4'6"	Refusal on Basalt Rock Dry

PLATE 3A



Proposed Firehouse
290-296 McBride Ave
Paterson, NJ
JSC Job # 09-179

Inspected by: J. O'Dowd
Date: 7/9/09

Log of Test Pits (continued)

TP-5 (Surface elevation 124.15)

0-5'	Fill – Topsoil, Cinders
5'- 8'	Brown fine to medium Sand, some Silt
8' – 11'	Brown fine to medium Sand, little Silt
	Water flooded hole at 9'
	Piezometer Installed 7/9/09
	Water elevation recorded date 7/14/09 116.4

TP-6 (Surface elevation 137.91)

0-8"	Topsoil
8"- 2'	Brown fine to medium Sand, some Silt
2' – 6'	Brown fine to medium Sand, little Silt with cobbles and boulders
6' – 9'	Red Brown fine to medium Sand, some Silt with cobbles and boulders
9'	Refusal on Basalt Rock
	Wet 7'-9' No Water

- NOTES:
- (1) The existing rock outcropping located in the Northwest area of the site before the tree line has an elevation of 143.94
 - (2) Elevations were taken from the existing MH elevation 129.1 near the corner of Dayton Street and McBride Avenue

PLATE 3B



LOG OF BORING B-1

Sheet: 1 of 1
 Project Number : 09-179
 Date Completed: 07-07-09
 Ground Surface El: 130.27
 Depth to Ground Water: 15'-0"

Depth (Feet)	Sample No.	Depth (Feet)	Sample/Spoon Blows/6"	Symbol USCS	Description
0	S-1	0-2	2-5-9-12		0-4' Fill Soil
-	S-2	2-4	11-12-10-18		
-	S-3	4-6	6-6-10-13	SW	4'-12' Brown fine to coarse Sand, little Silt & Clay (Moist, Dense)
5	S-4	6-8	11-12-12-11		
-	S-5	8-10	15-19-18-32		
-	S-6	10-12	13-10-10-11		12'-20' Brown fine to coarse Sand, Gravel, little Silt & Clay (Wet, Medium dense)
10					
-					
-	S-7	15-17	8-7-13-11		
15					
-	S-8	18-20	7-11-9-10		
20					Boring B-1 completed @20'-0" on 07/07/2009
-					
-					
-					
-					
25					
-					
-					
-					
30					

Remarks:

Client: **Comerro Coppa Architects / City of Paterson**

Project: **Proposed Firehouse - 290-296 McBride Avenue**

Location: **Paterson, New Jersey**

Driller: **RV Drilling**

☒ Hollow Stem Auger
☐ Mud Rotary
☐ Air Rotary

PLATE: 3C



LOG OF BORING B-2

Sheet: 1 of 1
Project Number : 09-179
Date Completed: 07-07-09
Ground Surface El: 130.55
Depth to Ground Water: 14'-6"

Depth (Feet)	Sample No.	Depth (Feet)	Sample/Spoon Blows/6"	Symbol USCS	Description
0	S-1	0-2	1-1-1-1		0-8" Topsoil
-					8"-4' FILL - Sand, Silt, Gravel
-	S-2	2-4	1-1-2-2		
-					
-	S-3	4-6	4-11-12-13	SW	4'-11' Brown fine to coarse Sand, little Silt & Clay (Moist, Dense)
5					
-	S-4	6-8	15-14-13-15		
-					
-	S-5	8-10	8-9-9-23		
-					
10	S-6	10-12	19-13-12-10	SW	11'-20' Brown fine to coarse Sand, Gravel, little Silt & Clay (Wet, Medium dense)
-					
-					
-					
15	S-7	15-17	17-23-17-10		- grading to dense @ 15'
-					
-					
-	S-8	18-20	13-18-12-10		
20					Boring B-2 completed @20'-0" on 07/07/2009
-					
-					
-					
-					
25					
-					
-					
-					
30					

Remarks:

Client: Comerro Coppa Architects / City of Paterson

Project: Proposed Firehouse - 290-296 McBride Avenue

Location: Paterson, New Jersey

Driller: RV Drilling

☒ Hollow Stem Auger

☐ Mud Rotary

☐ Air Rotary

PLATE: 3D



LOG OF BORING B-3

Sheet: 1 of 1
Project Number : 09-179
Date Completed: 07-07-09
Ground Surface El: 128.66
Depth to Ground Water: 14'-8"

Depth (Feet)	Sample No.	Depth (Feet)	Sample/Spoon Blows/6"	Symbol USCS	Description
0	S-1	0-2	1-2-2-2		0-6" Topsoil
-					8"-2' FILL - Sand, Cinders, Brick Silt, Gravel
-	S-2	2-4	1-2-1-2	SM-ML	2'-4' Yellow brown fine to medium Sand & Silt
-					
-	S-3	4-6	4-6-7-10	SW	4'-9' Brown fine to coarse Sand, little Silt & Clay (Moist, medium Dense) - grading to dense @ 6'
5					
-	S-4	6-8	14-15-18-19		
-					
-	S-5	8-10	7-8-6-13		
-					
10	S-6	10-12	12-11-8-8	SW	9'-20' Brown fine to coarse Sand, Gravel, little Silt & Clay (Wet, Medium dense)
-					
-					
-					
15	S-7	15-17	15-17-16-12		- grading to dense @ 15'
-					
-					
-	S-8	18-20	9-9-9-10		- grading to medium dense @ 18'
20					Boring B-3 completed @20'-0" on 07/07/2009
-					
-					
-					
-					
25					
-					
-					
-					
30					

Remarks:

Client: Comerro Coppa Architects / City of Paterson

Project: Proposed Firehouse - 290-296 McBride Avenue

Location: Paterson, New Jersey

Driller: RV Drilling

☒ Hollow Stem Auger

☐ Mud Rotary

☐ Air Rotary

PLATE: 3E



66 Glen Avenue
Glen Rock, NJ 07452
Telephone: 201-943-1793
Fax: 201-943-0951
Email: johnsonsoils@gmail.com

UNIFIED SOIL CLASSIFICATION SYSTEM

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)	GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
	SAND AND SANDY SOILS	CLEAN SAND (LITTLE OR NO FINES)	SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)	SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50	SM	SILTY SANDS, SAND-SILT MIXTURES
		LIQUID LIMIT GREATER THAN 50	SC	CLAYEY SANDS, SAND-CLAY MIXTURES
	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50	ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
		LIQUID LIMIT GREATER THAN 50	CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDS CLAYS, SILTY CLAYS, LEAN CLAYS
HIGHLY ORGANIC SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50	OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
		LIQUID LIMIT GREATER THAN 50	MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50	CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
		LIQUID LIMIT GREATER THAN 50	OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS.

GRADUATION*

COMPACTNESS* SAND AND/OR GRAVEL

CONSISTENCY* CLAY AND/OR SILT

% FINER BY WEIGHT

TRACE.....0% TO 10%
LITTLE.....10% TO 20%
SOME.....20% TO 35%
AND.....35% TO 50%

RELATIVE DENSITY

LOOSE.....0% TO 40%
MEDIUM DENSE.....40% TO 70%
DENSE.....70% TO 90%
VERY DENSE.....90% TO 100%

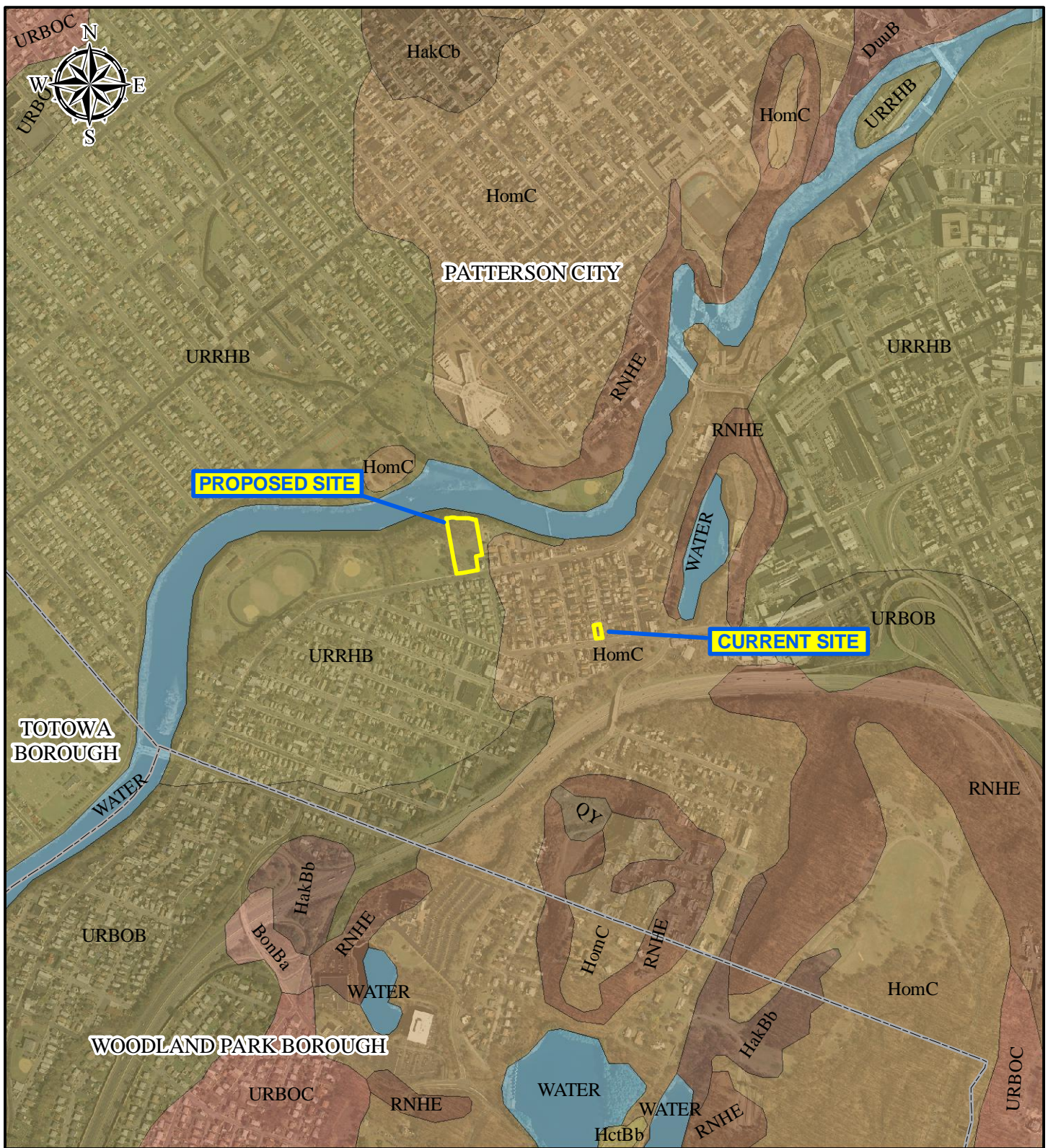
RANGE OF SHEARING STRENGTH IN POUNDS PER SQUARE FOOT






VERY SOFT.....LESS THAN 250
SOFT.....250 TO 500
MEDIUM.....500 TO 1000
STIFF.....1000 TO 2000
VERY STIFF.....2000 TO 4000
HARD.....GREATER THAN 4000

* VALUES ARE FROM LABORATORY OR FIELD TEST DATA, WHERE APPLICABLE.

APPENDIX K

***USDA Natural Resources Conservation
Service Soil Report & Passaic County Soil
Survey GIS Map***



	MUNICIPAL BOUNDARIES		HomC	Holyoke-Rock outcrop complex, 3 to 15 percent slopes
	WATER BODIES		URRHB	Urban land-Riverhead complex
	SITE BOUNDARY			

SOURCE:

NRCS SSURGO SOIL DATA SET, 2005
 NJOIT COUNTY AND MUNICIPALITY BOUNDARIES, 2010
 NJDEP ORTHOPHOTOGRAPHY (Disk 11 & 13), 2002

NEW ENGINE COMPANY NO. 7

290 - 296 McBRIDE AVENUE

CITY OF PATERSON

PASSAIC COUNTY

NEW JERSEY

BOSWELL ENGINEERING

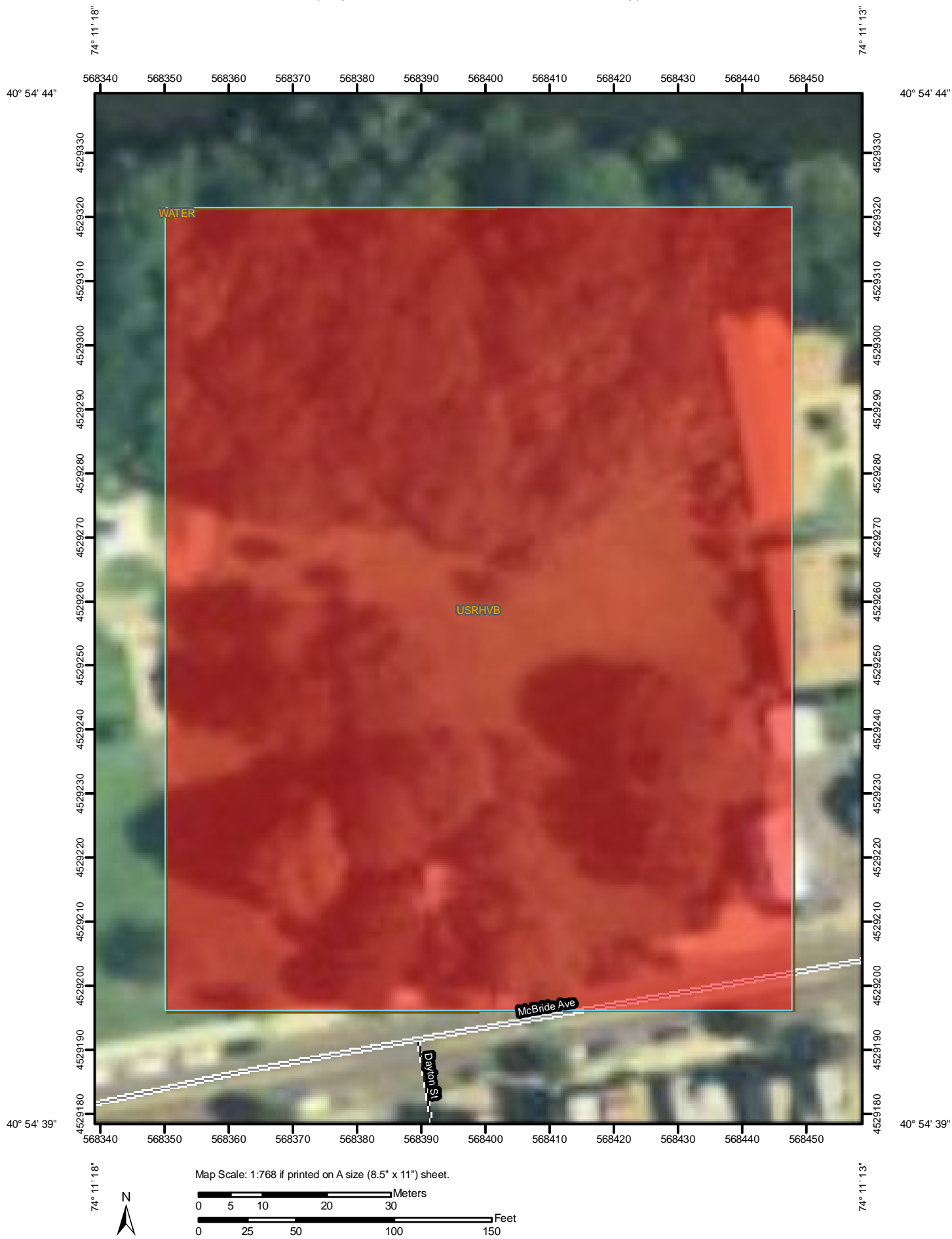
330 PHILLIPS AVENUE, SOUTH HACKENSACK, NJ 07606

DR. BY: CJC
 CKD. BY: CEA

SCALE: 1" = 1,000'
 DATE: DEC. 2010

JOB NO. 10-181
 FIGURE SOILS


Farmland Classification—Passaic County, New Jersey
(Proposed Site for Paterson Fire Station - Soils Map)



Farmland Classification—Passaic County, New Jersey
(Proposed Site for Paterson Fire Station - Soils Map)

MAP LEGEND









Area of Interest (AOI)








 Area of Interest (AOI)

Soils

 Soil Map Units

Soil Ratings



-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available


Political Features

 Cities

Water Features

-  Oceans
-  Streams and Canals

Transportation

-  Rails
-  Interstate Highways

-  US Routes
-  Major Roads
-  Local Roads

MAP INFORMATION

Map Scale: 1:768 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 18N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Passaic County, New Jersey
Survey Area Data: Version 7, Aug 18, 2008

Date(s) aerial images were photographed: 8/5/2006

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Farmland Classification

Farmland Classification— Summary by Map Unit — Passaic County, New Jersey				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
USRHVB	Urban land-Riverhead complex, 3 to 8 percent slopes	Not prime farmland	3.0	99.9%
WATER	Water	Not prime farmland	0.0	0.0%
Totals for Area of Interest			3.0	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

APPENDIX L
NJDEP NJ Geological Survey Bedrock
Geology of New Jersey GIS Map



	MUNICIPAL BOUNDARIES		Orange Mountain Basalt - Jurassic Period
	WATER BODIES		Feltville Formation - Jurassic Period
	SITE BOUNDARY		Passaic Formation - Jurassic-Triassic Period

SOURCE:

NJDEP NJGS BEDROCK GEOLOGY OF NEW JERSEY, 2007
 NJOIT COUNTY AND MUNICIPALITY BOUNDARIES, 2010
 NJDEP ORTHOPHOTOGRAPHY (Disk 11 & 13), 2002

NEW ENGINE COMPANY NO. 7

290 - 296 McBRIDE AVENUE

CITY OF PATERSON

PASSAIC COUNTY

NEW JERSEY

BOSWELL ENGINEERING

330 PHILLIPS AVENUE, SOUTH HACKENSACK, NJ 07606

DR. BY: CJC
 CKD. BY: CEA

SCALE: 1" = 1,000'
 DATE: DEC. 2010

JOB NO. 10-181
 FIGURE GEOLOGY

APPENDIX M
US EPA Air Quality Index Report

NEW ENGINE COMPANY NO. 7

City of Paterson
Passaic County, New Jersey

Our File No. 10 - 181

US EPA - AirData Air Quality Index (AQI) Report

Wednesday, 22-Dec-2010 at 8:28:49 AM (USA Eastern time zone)

Geographic Area: Passaic Co, NJ

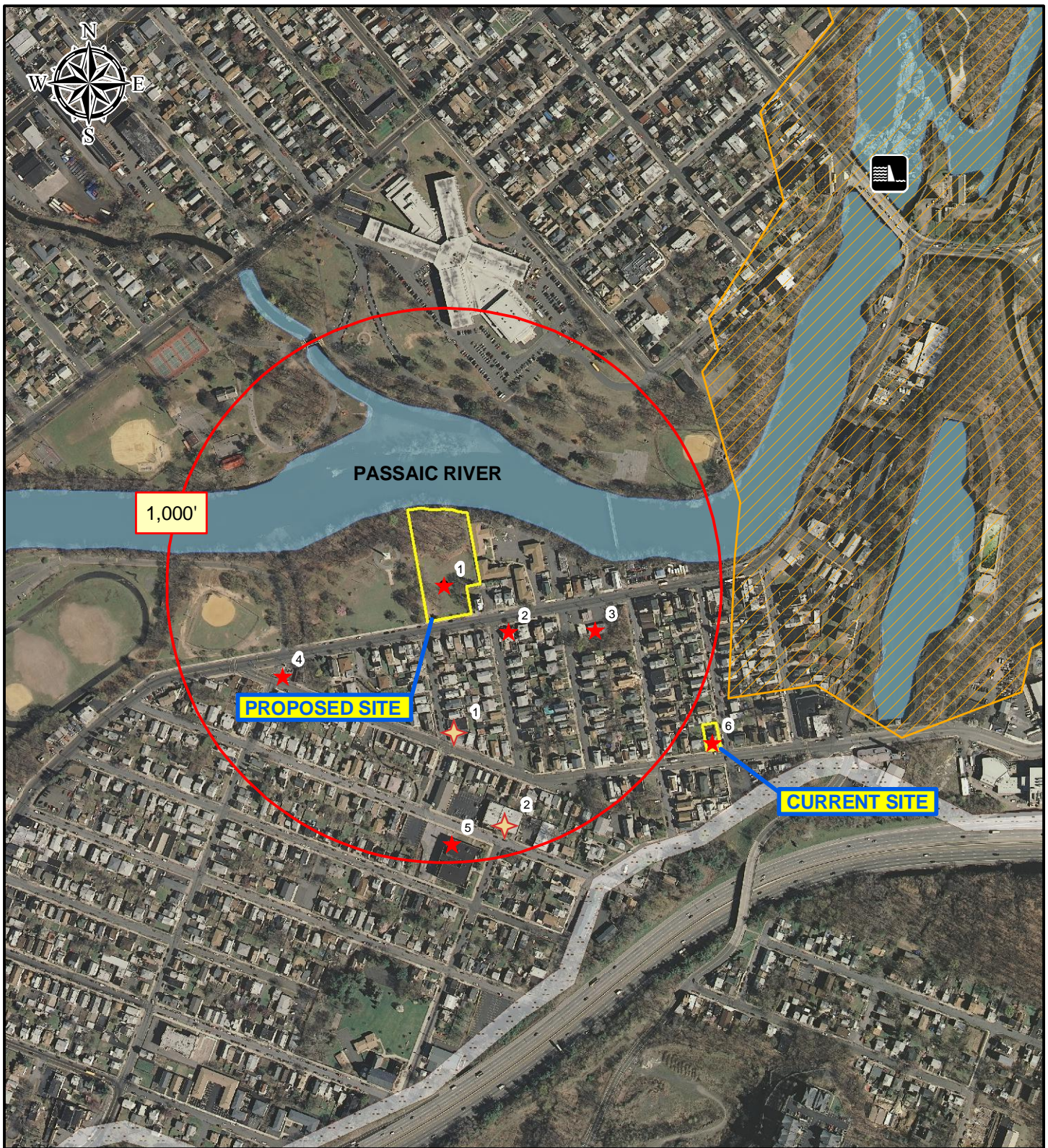
Pollutant: AQI (See <http://airnow.gov/index.cfm?action=aqibroch.aqi>)

Year: 2008

Number of days with AQI data	Number of Days When Air Quality was...				Air Quality Index Statistics			Number of Days When Main AQI Pollutant Was...									
	Good	Moderate	Unhealthy for Sensitive Groups	Unhealthy	Maximum	90th Percentile	Median	CO	NO ₂	O ₃	SO ₂	PM2.5	PM10	County	County Code	State	EPA Region
225	188	33	4	0	111	64	39			198		27		Passaic Co	34031	NJ	2
275	178	90	7	0	135	73	42	3	0	133	0	128	11	Bergen Co	34003	NJ	2

<http://iaspub.epa.gov/airsdata/adaqs.aqi?geotype=co&geoinfo=&sumtype=co&fld=gname&fld=gcode&fld=stabbr&fld=regnrpp=25&year=2008&geocode=34031>

APPENDIX N
NJDEP NJ-GeoWeb Hazardous Sites Map



SOURCE: NJDEP ORTHOPHOTOGRAPHY, 2006
 NJDEP NJ-GeoWeb, 2009
 NJDEP, OIRM, BUREAU OF GEOGRAPHIC
 INFORMATION SYSTEMS WETLANDS DATA, 2004

	SITE BOUNDARIES		DAMS
	WATER BODIES		KNOWN CONTAMINATED SITES LIST
	CRITICAL ENVIRO. AND HISTORIC SITES		HAZARDOUS WASTE GENERATORS
	HISTORIC DISTRICTS		HISTORIC STRUCTURES
	NATURAL HERITAGE PRIORITY SITES		

NEW ENGINE COMPANY NO. 7

290 - 296 McBRIDE AVENUE
 CITY OF PATERSON

PASSAIC COUNTY

NEW JERSEY

BOSWELL ENGINEERING

330 PHILLIPS AVENUE, SOUTH HACKENSACK, NJ 07606

DR. BY: CJC
 CKD. BY: CEA

SCALE: 1" = 500'
 DATE: DEC. 2010

JOB NO. 10-181
 FIGURE NJ-GEOWEB

Known Contaminated Sites*:

MAP ID NUMBER	NJ SITE ID	CASE ID NUMBER	SITE NAME	ADDRESS	CITY	COUNTY	ZIP	STATUS	X-COORDINATE	Y-COORDINATE
1		01-06-04-1505-45	in the area of 292 McBride Ave	292 McBride Ave	Paterson	Passaic	07501		578437.031	757072.6416
2	NJL800128241		269 McBride Avenue	269 McBride Ave	Paterson	Passaic	07501	Pending	578669.4692	756905.3483
3	NJD986583730	87-01-05-0100	Mobil Service Station Paterson City	253 McBride Ave	Paterson	Passaic	07501	No Further Action-Limited Use	578983.2189	756910.3633
4	NJL800531139	09-02-26-1725-34	Johns Quality Auto Service	339 McBride Ave	Paterson	Passaic	07501	Active	577854.7315	756746.9893
5	NJL800421307	177645	Paterson City Public School #7	158 To 176 Caldwell Ave	Paterson	Passaic	07501	Active	578464.4116	756139.8473
6			Firehouse Number 11	97 Grand Street	Paterson	Passaic	07501	Awaiting Case Assignment	579405.009	756506.5593

Hazardous Waste Generators*:

MAP ID	SITE NAME	STREET	CITY	COUNTY	X-COORDINATE	Y-COORDINATE
1	Highland Electro - Plating Co.	63 Dayton St	Paterson	Passaic	578472.3302	756541.164
2	Little Falls Alloys Inc.	171-191 Caldwell Ave	Paterson	Passaic	578656.8886	756206.652

Dams:

DAM NAME	RIVER	NJ SITE ID	ADDRESS	CITY	COUNTY	BLOCK	LOT(S)	X-COORDINATE	Y-COORDINATE
Great Falls Dam	Passaic River	NJ00663	72 McBride Avenue	Paterson	Passaic	205	100, 86, 84	580042	758559.35

Historic Districts:

HISTORIC DISTRICT NAME	DIGITIZED DATE	STATUS	CITY	COUNTY
Morris Canal	9/25/2006	Canal no longer exists in vicinity of site	Paterson	Passaic

* = Site information for Contaminated Sites and RCRA sites provided by EDR Radius Report and NJDEP Known Contaminated Sites List dataset.

APPENDIX O

City of Paterson, Passaic County, and NJDEP Open Public Records Act (OPRA) Documents

City of Paterson OPRA Request

Departments
Business Administration
Finance
Public Works
Law
Human Resource
Community Development

City of Paterson

City Hall

155 Market Street

Paterson, NJ 07505

Fax: (973) 321-1311

Request for Public Records

File # _____

A request for a copy of Public Records should be submitted on this form, which has been adopted by the Municipal Clerk as the Custodian of Records. Some records will be immediately available during normal business hours. Some records will require time to compile and to make the copies requested, but will normally be available within seven business days. If any document or copy which has been requested is not a public record or cannot be provided within the seven business days, you will be provided with a response with that information within the seven business days. Some records requested have specific fees for other response times established by statute and that information is set forth on this form or will be included in any response to the request. There is no fee involved in simply inspecting a document during normal business hours. This request may be filed electronically.

Name:

Christopher Colabaugh

Address:

Boswell Engineering

330 Phillips Avenue, South Hackensack, NJ 07606

Telephone (Day):

201-641-0770 extension 383

Information Requested:

☐ Copy of Minutes [specify board or entity, date, topic or other identifying information]

☐ Copy of Ordinance Resolution [specify date, number, or other identifying information]

☐ Police Accident Report

Fee: _____

Data and Names

☒ Other [specify] Environmental Concerns Including:

Underground Storage Tanks (UST) records, hazardous material
spills, and/or fire responses.

Information on a Specific Property

Address

290-300 McBride Avenue

Block

5004

Lot(s) 2, 14

☐ Municipal Lien Search

Fee [N.J.S.A. 54:5-14]: \$10.00

Municipal Lien Searches are provided by the designated search officer and will be provided within 15 days after the request is received and the fee paid, as provided in N.J.S.A. 54:5-11, et seq.

☐ List of Property Owners within 200 feet

Fee: _____

As provided in N.J.S.A. 40:55D-12, fee is the greater of \$.25 per name or \$10.00

☐ License Information [specify] _____

The information requested will be ready on _____

Estimated Number of Pages _____

Estimated Cost _____

Deposit _____

[required in any instance where the anticipated cost of reproductions exceeds \$5.00]

The public records requested will normally be available in accordance with P.L. 2001, c. 404, within seven business days. Some records will be immediately available. In general:

1. Immediate access ordinarily shall be granted to budgets, bills, vouchers, contracts, including collective negotiations agreements and individual employment contracts, and public employee salary and overtime information. Minutes of public meetings will be generally available immediately after the minutes have been approved by the Council or Board.
2. Records which are not readily available or which will require a search of records will be made available as soon as possible and the applicant will be provided with an interim report within seven business days indicating the amount of time which will be required to complete the search of the records.
3. Except as otherwise provided by law or regulation, the fee assessed for the duplication of a printed record shall be: first page to tenth page, \$0.75 per page; eleventh page to twentieth page, \$0.50 per page; all pages over twenty, \$0.25 per page.
4. Where a request is for a copy in a format other than a photocopy, reasonable efforts will be made to provide the information in the format requested. The cost will be based on the costs involved in providing the copy in the format requested.
5. Where a legal determination must be made as to whether records are "public records" as provided by law, the request will be reviewed by the Municipal Attorney and will be generally provided immediately after the municipal official receives the determination from the Municipal Attorney or a Court that the records should be provided.

The term "public records" generally includes those records determined to be public in accordance with P.L. 2001, c. 404. The term does not include employee personnel files, police investigation records, public assistance files or other matters in which there is a right of privacy or confidentiality or which is specifically exempted by law.

The Applicant hereby acknowledges receipt of a copy of this form with the date on which the information is expected to be available and the estimated cost. The applicant hereby certifies that he or she has not been convicted of any indictable offense under laws of this State, any other state or the United States and is not seeking government records containing personal information pertaining the victim or the victim's family as provided by P.L. 2001, c. 404.

This completed form, when signed by the municipal official shall constitute a receipt for the deposit made by the applicant.

Applicant _____

Municipal Official _____

File # _____

City of Paterson
Public Records Request Response

To: _____
Date: _____

The document or documents listed below and requested by you are not being provided because the document or documents are not public records as provided by law, for the following reason:

You have a right to appeal the decision that the document or documents are not public records. You may take your appeal to the Public Records Council or to the New Jersey Superior Court, as provided by P.L. 2002, c. 404. If your request has been denied, a statement of the procedures for the appeal will be attached to this notification.

Date

Municipal Clerk

Acknowledgment

I hereby acknowledge that I have received the documents requested except for any documents specifically listed above on which a determination has been made that the documents will not be provided. If any documents have not been provided, I have received information on the procedure for any appeal of the determination.

Date

Applicant

Departments
 Business Administration
 Finance
 Public Works
 Law
 Human Resource
 Community Development

File # _____
City of Paterson
 City Hall
 155 Market Street
 Paterson, NJ 07505
 Fax: (973) 321-1311
Request for Public Records

A request for a copy of Public Records should be submitted on this form, which has been adopted by the Municipal Clerk as the Custodian of Records. Some records will be immediately available during normal business hours. Some records will require time to compile and to make the copies requested, but will normally be available within seven business days. If any document or copy which has been requested is not a public record or cannot be provided within the seven business days, you will be provided with a response with that information within the seven business days. Some records requested have specific fees for other response times established by statute and that information is set forth on this form or will be included in any response to the request. There is no fee involved in simply inspecting a document during normal business hours. This request may be filed electronically.

Name: Christopher Colabaugh
 Address: Boswell Engineering
330 Phillips Avenue, South Hackensack, NJ 07606
 Telephone (Day): 201-641-0770 ext. 383

Information Requested:
☐ Copy of Minutes [specify board or entity, date, topic or other identifying information]

☐ Copy of Ordinance Resolution [specify date, number, or other identifying information]

☐ Police Accident Report Fee: _____
 Date and Names _____

☒ Other [specify] Environmental Concerns Including:
Underground Storage Tanks (UST) records, hazardous material
spills, and/or fire responses.

Information on a Specific Property Address 95-97 Grand Street
 Block 4806 Lot 16

☐ Municipal Lien Search Fee [N.J.S.A. 54:5-14]: \$10.00
 Municipal Lien Searches are provided by the designated search officer and will be provided within 15 days after the request is received and the fee paid, as provided in N.J.S.A. 54:5-11, et seq.

☐ List of Property Owners within 200 feet Fee: _____
 As provided in N.J.S.A. 40:55D-12, fee is the greater of \$.25 per name or \$10.00

☐ License Information [specify] _____

The information requested will be ready on _____

Estimated Number of Pages _____

Estimated Cost _____

Deposit _____

[required in any instance where the anticipated cost of reproductions exceeds \$5.00]

The public records requested will normally be available in accordance with P.L. 2001, c. 404, within seven business days. Some records will be immediately available. In general:

1. Immediate access ordinarily shall be granted to budgets, bills, vouchers, contracts, including collective negotiations agreements and individual employment contracts, and public employee salary and overtime information. Minutes of public meetings will be generally available immediately after the minutes have been approved by the Council or Board.
2. Records which are not readily available or which will require a search of records will be made available as soon as possible and the applicant will be provided with an interim report within seven business days indicating the amount of time which will be required to complete the search of the records.
3. Except as otherwise provided by law or regulation, the fee assessed for the duplication of a printed record shall be: first page to tenth page, \$0.75 per page; eleventh page to twentieth page, \$0.50 per page; all pages over twenty, \$0.25 per page.
4. Where a request is for a copy in a format other than a photocopy, reasonable efforts will be made to provide the information in the format requested. The cost will be based on the costs involved in providing the copy in the format requested.
5. Where a legal determination must be made as to whether records are "public records" as provided by law, the request will be reviewed by the Municipal Attorney and will be generally provided immediately after the municipal official receives the determination from the Municipal Attorney or a Court that the records should be provided.

The term "public records" generally includes those records determined to be public in accordance with P.L. 2001, c. 404. The term does not include employee personnel files, police investigation records, public assistance files or other matters in which there is a right of privacy or confidentiality or which is specifically exempted by law.

The Applicant hereby acknowledges receipt of a copy of this form with the date on which the information is expected to be available and the estimated cost. The applicant hereby certifies that he or she has not been convicted of any indictable offence under laws of this State, any other state or the United States and is not seeking government records containing personal information pertaining the victim or the victim's family as provided by P.L. 2001, c. 404.

This completed form, when signed by the municipal official shall constitute a receipt for the deposit made by the applicant.

Applicant _____

Municipal Official _____

File # _____

City of Paterson
Public Records Request Response

To: _____

Date: _____

The document or documents listed below and requested by you are not being provided because the document or documents are not public records as provided by law, for the following reason:

You have a right to appeal the decision that the document or documents are not public records. You may take your appeal to the Public Records Council or to the New Jersey Superior Court, as provided by P.L. 2002, c. 404. If your request has been denied, a statement of the procedures for the appeal will be attached to this notification.

Date

Municipal Clerk

Acknowledgment

I hereby acknowledge that I have received the documents requested except for any documents specifically listed above on which a determination has been made that the documents will not be provided. If any documents have not been provided, I have received information on the procedure for any appeal of the determination.

Date

Applicant

Office of the City Clerk

City of Paterson



New Jersey



JANE E. WILLIAMS-WARREN, RMC/CMC/MMC

City Clerk

CITY HALL - 3RD FLOOR
155 MARKET STREET
PATERSON, NEW JERSEY 07505

OFFICE: (973) 321-1310

FAX: (973) 321-1311

February 10, 2011

Mr. Christopher Colabaugh
Boswell Engineering
330 Phillips Avenue
South Hackensack, New Jersey 07606

File No: CA11:016

Dear Mr. Colabaugh:

Please be advised in reference to your "Open Public Records Act" (OPRA) request, a review of the Occupational Health files regarding Asbestos abatement or removal, Hazardous Material Incidents, Environmental spills/discharges or similar events and violations of Environmental laws/regulators. Childhood Lead Poisoning Prevention Program and Environmental Health files regarding possible violations for nuisances, rodents, City Lead for 290-300 McBride Avenue and 95-97 Grand Street offer no records for this location.

Sincerely,

A handwritten signature in cursive script, reading "Jane E. Williams-Warren".

Jane E. Williams-Warren, City Clerk

JWW:
Enclosure

County of Passaic OPRA Request



State of New Jersey
County of Passaic
GOVERNMENT RECORDS REQUEST FORM



Important Notice

The reverse side of this form contains important information related to your rights concerning government records. Please read it carefully.

Requestor Information - Please Print

First Name Christopher MI J Last Name Colabaugh
Company Boswell Engineering
Mailing Address 330 Phillips Avenue
City South Hackensack State NJ Zip 07606 Email c.colabaugh@boswell-engineering.com
Business Hours Telephone: Area Code 201 Number 641-0770 Extension 383
Preferred Delivery: Pick Up _____ US Mail ☒ On Site Inspect _____
Circle One: Under penalty of N.J.S.A. 2C:28-3, I certify that I **HAVE** **HAVE NOT** been convicted of any indictable offense under the laws of New Jersey, any other state, or the United States.
Signature [Signature] Date 1-21-2011

Payment Information

Maximum Authorization Cost \$ _____
Select Payment Method
Cash _____ Check _____ Money Order _____
Fees: Pages 1-10 @\$0.75
Pages 11-20 @\$0.50
Pages 21 - @\$0.25
Delivery: Delivery / postage fees additional depending upon delivery type.
Extras: Extraordinary service fees dependent upon request.

Record Request Information: To expedite the request, be as specific as possible in describing the records being requested. Also, please include the type of access requested (copying or inspection), and if data, the medium requested.

Environmental Concerns such as underground storage tanks (UST) records, hazardous material spill responses, and/or fire responses at the following addresses:

- 95-97 Grand Street, Paterson, NJ
Block 4806, Lot 16
- 290-296 McBride Avenue, Paterson, NJ
Block 5004, Lot 2
- 298-300 McBride Avenue, Paterson, NJ
Block 5004, Lot 14

AGENCY USE ONLY

Est. Document Cost _____
Est. Delivery Cost _____
Est. Extras Cost _____
Total Est. Cost _____
Deposit Amount _____
Estimated Balance _____
Deposit Date _____

AGENCY USE ONLY

Disposition Notes
Custodian: If any part of request cannot be delivered in seven business days, detail reasons here.

In Progress - Open _____
Denied - Closed _____
Filled - Closed _____
Partial - Closed _____

AGENCY USE ONLY

Tracking Information		Final Cost	
Tracking #	_____	Total	_____
Rec'd Date	_____	Deposit	_____
Ready Date	_____	Balance Due	_____
Total Pages	_____	Balance Paid	_____
Records Provided			
Custodian Signature		Date	



County of Passaic

Administration Building Annex

311-317 Pennsylvania Avenue • Paterson, New Jersey 07503-1718

IRENE JESSIE HUNTE
DIRECTOR/HEALTH OFFICER

DEPARTMENT OF HEALTH
ROOM 201

TEL: 973-881-4396
FAX: 973-225-0222

25 January 2010

Boswell Engineering
330 Phillips Ave.
South Hackensack, NJ 07606
Attn: Christopher Colabaugh

Dear Mr. Colabaugh:

You requested environmental impact information including site remediation, permits, violations, complaints, spills, releases, clean-ups, underground storage tanks, radon, pesticides, asbestos, hazardous material generation, treatment, storage and/or disposal on the following properties:

95-97 Grand St. Paterson

298-300 Mc Bride Ave., Paterson

We have found no information on file in our department for the above addresses. If you have further questions, please contact me. We hope we have been of service to you in your OPRA request.

Sincerely,

Renee B. Allessio
County of Passaic Department of Health
Right to Know Coordinator
973-225-3651

Cc/Irene Jessie Hunte-Health Officer

PASSAIC COUNTY DEPARTMENT OF HEALTH
INCIDENT REPORT FORM

CASE NUMBER: 16587 DATE: 12/16/99 TIME: 11:30 AM
ACTIVITY CODE: Ref/DEP PROGRAM: Haz/DO INVEST: DeStefano

FILE NAME: Pennington Park (Abandoned drums)
ADDRESS: McBride Ave. MUNICIPALITY: Paterson
LOT: N/A BLOCK: N/A LOCATION: Passaic River Bank
CONTACT PERSON: PHONE:
TITLE:

RESPONSIBLE PARTY: None PHONE:
ADDRESS:
CITY: STATE: ZIP:

REPORTED BY: PHONE:
DEP HOTLINE CALLED (Y/N): DEP CASE #:

NOV 1:
NOV 2:
NOV 3:
NOV 4:
NOV 5:

#F/U'S CONDUCTED: DATE CASE CLOSED: 12/16/99

INCIDENT SUMMARY

DeStefano received a call from DEP/BER regarding abandoned drums in the Passaic River. Investigation revealed two (2) empty 5 gallon drums of ethanol. DeStefano called Frank Malzone of Paterson OEM. He said that the DPW would remove them.

PASSAIC COUNTY DEPARTMENT OF HEALTH
INCIDENT REPORT FORM

CASE NUMBER: 14764 DATE: 1/12/99 TIME: 2:00 PM
ACTIVITY CODE: Ref/DEP PROGRAM: Haz/DO INVEST: Peters

FILE NAME: Pennington Park
ADDRESS: McBride Ave. MUNICIPALITY: Paterson
LOT: BLOCK: LOCATION:
CONTACT PERSON: Walt Janicek PHONE: 669-3959
TITLE: Inspector

RESPONSIBLE PARTY: Unknown PHONE:
ADDRESS:
CITY: STATE: ZIP:

REPORTED BY: NJ Water Watch PHONE:
DEP HOTLINE CALLED (Y/N): Y DEP CASE #: 99-01-12-1151-44

NOV 1:

NOV 2:

NOV 3:

NOV 4:

NOV 5:

#F/U'S CONDUCTED: DATE CASE CLOSED: 1/12/99

INCIDENT SUMMARY

S. Peters was called out on an emergency call regarding cyanide in the Passaic River. Investigation revealed that NJ Water Watch had found elevated amounts of cyanide in a sample of water from the Passaic River in this location. The results were reported to NJDEP, who notified local officials. The local dispatch mistakenly called out several agencies. Walt Janicek, NJDEP, said he wanted no action taken at this time.

NJDEP OPRA Request

For State Use Only

Check in ____ Yes ____ No

Status

Active ____ Inactive ____ Comcode ____

**UNDERGROUND STORAGE TANK
FACILITY CERTIFICATION QUESTIONNAIRE**

Facility UST # 0234551

Completion of this Registration Questionnaire will satisfy the registration requirements of the Underground Storage of Hazardous Substances Act, N.J.S.A. 58:10A-21, and the Registration and Billing Regulations N.J.A.C. 7:14B-2.

Check appropriate box

- A. ____ This is a registration of a proposed or newly installed underground storage tank. (This form must be filed at least 30 days prior to operation)
B. ____ This is a registration of an existing underground storage tank not presently registered.
C. XX This is a correction or amendment to an existing facility registration.
D. ____ There have been no changes to the facility registration since last submittal. (Go to certification page for signature)
If "C" is checked above, please check the appropriate type of change(s) below

- | | | |
|--|---|---|
| ____ Facility Name and/or Address Change | ____ Type of Product(s) Stored | ____ Financial Responsibility Change |
| ____ Owner Name and/or Address Change | ____ Substantial Modification | ____ Sale or Transfer (Complete Section A, Question 4, 5, 6 & Section B, 12D) |
| ____ Facility Operator and/or Address Change | ____ Tank(s) and/or Piping Changes | ____ Other (please specify) |
| ____ Owner Contact Person Change | <u>XX</u> Closure (Complete Section B Question 1, 4, 5, 11, 12) | |

Section A - General Facility Information

1. Facility Name Firehouse No. 11
2. Facility Location 97 Grand Street
(Number and Street)
Paterson
(City or Municipality)
Passaic NJ
(County) (State) (Zip Code) (Block) (Lot)
3. Facility Operator _____
(Person or Title) Phone Number (Include Area Code and Extension) _____
Operator Address _____
(if other than #2) (Number and Street) _____
(City or Municipality) _____
(State) (Zip Code) _____
4. Tank Owner _____
5. Tank Owner Address _____
(Number and Street) _____
(City or Municipality) _____
(State) (Zip Code) _____
6. Contact Person (Tank Owner) _____
Phone Number (Include Area Code and Ext) _____
7. EPA ID# _____
8. Total Number of regulated underground storage tanks at facility _____ (Complete Section B for each tank)

- | | | | | |
|-------------------|------------------------------|---------------------|-----------------------------|--|
| 10. Facility Type | A. State | C. County/Municipal | E. Charitable/Public School | G. Other |
| | B. Commercial/
Industrial | D. Federal | F. Residential | H. Farm (as defined in
N.J.S.A. 54:4-23.1 et seq) |

Note: The facility site plan must be submitted when registering any underground storage tank pursuant to N.J.A.C. 7:14B 2.2.

Section B – SPECIFIC TANK INFORMATION

ALL underground tanks, including those taken out of operation (UNLESS TANK WAS REMOVED FROM THE GROUND PRIOR TO 9/3/86) must be registered
Report all tank/piping status changes. DO NOT MARK SHADED AREAS

1. Tank Identification Number	TANK NO. E1		TANK NO.		TANK NO.		TANK NO.	
2. CAS Number (hazardous substances only)								
3. Date Tanks Installed								
4. Tank Size (gallons)	550							
5. Tank Contents (Mark one "X" for each tank)								
A. Leaded gasoline								
B. Unleaded gasoline								
C. Alcohol enriched gasoline								
D. Light Diesel fuel (No. 1-D)								
E. Medium Diesel (No. 2-D)	X							
F. Waste Oil								
G. Kerosen (No. 1)								
H. Home Heating Oil (No. 2)								
J. Heating Oil (No. 4)								
K. Heavy Heating Oil (No. 6)								
L. Aviation fuel								
M. Motor oil								
N. Lubricating Oil								
P. Other hazardous substances (please specify)								
Q. Hazardous Waste (specify ID number)								
R. Mixture (please specify)								
S. Emergency Spill tank (specify substance)								
T. Other petroleum products (please specify)								
U. Other (please specify)								
6. Tank and Piping Construction (Mark one for each tank. For piping mark material of construction & Pressurized (P) or Suction (S))	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Bare Steel								
B. Cathodically protected metal								
1. Sacrificial anode								
2. Impressed Current								
C. Fiberglass Coated steel								
D. Fiberglass Reinforced Plastic								
E. Internally Lined (TANK ONLY)								
F. Pressurized Piping (PIPING ONLY)								
G. Suction Piping (PIPING ONLY)								
H. Other (please specify)								
J. Flex Piping (PIPING ONLY)								
7. Tank & Piping Structure (Mark one for each tank and piping)								
A. Single Walled								
B. Double Walled								
C. Other (please specify)								
8. Type of Monitoring/Detection (Mark all that apply for tank & piping)								
A. Statistical inventory reconciliation								
B. Manual tank gauging (TANK ONLY)								
C. Inventory Control (TANK ONLY)								
D. Interstitial								
E. Tightness test								
F. Ground water observation wells								
G. Vapor observation wells								
H. In tank (auto monitoring gauge) (TANK ONLY)								
J. "Safe" suction piping (PIPING ONLY) See definition page 4								
K. In-line electronic pressure monitor (PIPING ONLY) see definition page 4								
L. Automatic Line leak detector (PIPING ONLY)								
M. None								
N. Other (please specify)								

Tank Identification Number	TANK NO. E1	TANK NO.	TANK NO.	TANK NO.
9. Overfill protection (tank only) (Mark one X for each tank)				
A. Yes				
B. No				
10. Spill containment around fill pipe (Mark one X for each tank)				
A. Yes				
B. No				
11. Tank Status (Mark one X for each tank system)				
A. In-use				
B. Empty less than 12 mos (complete 12B)				
C. Empty 12 mos or more (complete 12B)				
D. Sump (contains product no more than 48 Hours)				
E. Emergency back-up generator tank				
F. Abandoned in Place (Complete 12A)				
G. Removed (Complete 12C)	X			
H. Other (please specify)				
12. Closure Information- Tank ID No.	TANK NO. E1	TANK NO.	TANK NO.	TANK NO.
A. Date abandoned in place				
B. Date taken out of service				
C. Date removed	1/18/00			
D. Date of sale or transfer				
E. Closure # (if applicable)	N99-0426			
F. ISRA # (if applicable)				
13. Is the tank within wellhead protection area as defined on pg. 4 (Mark one for each tank)				
A. Yes				
B. No				

Section C - Financial Responsibility

Does this facility have a Financial Responsibility Assurance Mechanism?

Yes ☒ No

Please list the appropriate financial information below:

Type	Carrier/Issuing Agency
Effective Date	Expiration Date
Policy Number	\$ Amount

Section D - Monitoring Systems

Does this facility have a release detection monitoring system which is in compliance with N.J.A.C. 7:14B-6?

X Yes No

If "No", please be aware that the facility must meet the appropriate deadline. (See "Dates to Know" on Page 4)

Section E - Record Keeping / Compliance

Please answer all the questions in this section on a facility basis. Any one tank not in compliance requires a "No" answer for the entire facility.

- Does this facility have cathodic protection systems for all steel tanks and piping?
 - If "Yes", answer the following:
 - Are the systems tested every three years pursuant to N.J.A.C. 7:14B-5.2(a)? Yes No
 - For the sacrificial anode systems, were the systems tested within 180 days after installation? (N.J.A.C. 7:14B-5.2(a)) Yes No
 - For impressed current systems, are the systems operational (turned on and providing continuous protection) pursuant to N.J.A.C. 7:14B-5.2(a)? Yes No
 - For impressed current systems, are the systems tested properly every 60 days? (N.J.A.C. 7:14B-5.2(a)) Yes No
 - If internally lined, was the lining inspected within 10 years after installation & every 5 years thereafter? (N.J.A.C. 7:14B-4.2(b)) Yes No
- Are the performance claims and documentation of systems maintained by the owner or operator pursuant to N.J.A.C. 7:14B-6.7? X Yes No
- Are the proper monitoring, testing, sampling, repair and inventory records kept on-site pursuant to N.J.A.C. 7:14B-5 and 6? X Yes No
- Is the proper Release Response Plan kept on-site pursuant to N.J.A.C. 7:14B-5.7? Yes No
- Are the tanks checked monthly for the presence of water pursuant to N.J.A.C. 7:14B-6? X Yes No
- Have all fill ports been permanently marked per API #1637 pursuant to N.J.A.C. 7:14B-5.8? X Yes No
- Are the tank systems monitored for releases monthly or on an alternate required frequency pursuant to N.J.A.C. 7:14B-6? X Yes No
- Are the release detection monitoring systems operating in accordance with the manufacturers requirements? (N.J.A.C. 7:14B-6) X Yes No

NOTICE: *ALL DEADLINES FOR TANK SYSTEMS UPGRADE (CORROSION PROTECTION, SPILL AND OVERFILL PROTECTION) AND LEAK DETECTION HAVE PAST

FEE: Please make all checks payable to "Treasurer, State of New Jersey".
Registration and Billing Schedule can be found in N.J.A.C. 7:14B-3.

PENALTY: Failure by owner or operator of a regulated underground storage tank to comply any requirements of the State UST Act or regulations may result in the penalties set forth in N.J.S.A. 58:10A-12.

EMERGENCY: If a discharge or spill occurs, the NJDEP Hotline at (609) 292-7172 must be called **IMMEDIATELY**- 24 hours a day

EXEMPTION: Residential heating oil underground storage tanks are exempt from all underground storage tank requirements.

CERTIFICATION

Must be signed as follows:

- ♦ For a corporation by a person authorized by resolution of the Board of Directors to sign the document.
- ♦ For a partnership or sole proprietorship, by a general partner or the proprietor, respectively.
- ♦ For a municipality, State, Federal or other public agency, by either a principal executive officer or ranking elected official.
- ♦ For persons other than indicated above, by the person with legal responsibility for the site.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and that based on my inquiry of those individuals responsible for obtaining the information. I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties".

Conway Mangullo
(Type/Printed Name)

Conway Mangullo
(Signature)

March 24, 2000
(Date)

Director
(Title)

DEFINITIONS

- Section B8 J.** "Safe" Suction Piping- Suction Piping which has enough slope so that the product in the pipe can drain back into the tank when the suction is released, and which has only one check valve, located directly beneath the pump in the dispensing unit.
- Section B8 K.** In-Line Electronic Pressure Monitor- (Used with pressurized piping only) A monitor Which checks for loss of pressure in piping when no product is dispensed. This method may be used once every 30 days or every time the dispenser turns off.
- Section B8-L.** Automatic Line Leak Detectors- (Required with pressurized piping; Must be able to detect a 3 gph leak within 1 hour of its occurrence)
1. Flow restrictors and flow shut offs which monitor pressure within piping and when a suspected leak is detected, either restricts the flow of product through the piping well below the 3gph leak rate it detects, or completely cuts off product flow and shuts down the pump.
 2. Continuous alarm systems constantly monitor piping conditions and trigger an audible or visual alarm if a leak is suspected.
- Section B13.** Wellhead Protection Area-
1. The area within a 2,000 ft. radius surrounding a public community or public or public non-community water system well when there is an underground storage tank containing gasoline or non-petroleum hazardous substances located within that area.
 2. The area within a 750 ft. radius surrounding a public community or public non-community water system well when there is an underground storage tank containing petroleum products other than gasoline located within that area.

Publications Available (on line or call for copies)

Straight Talk on Tanks (Release Detection Requirements)
Doing Inventory Control Rights
Underground Storage Tank Owner's Self Inspection Checklist

Don't Wait Until 1998 (Upgrade Requirements)
Manual Tank Gauging

WEBSITE ADDRESS: WWW.STATE.NJ.US/DEP/SRP/BUST

Telephone Number: (609)292-8761

DEPARTMENT OF PUBLIC WORKS

HARRY B. HAWK
DIRECTOR

FACILITIES DEVELOPMENT & MANAGEMENT

CONWAY MANGULLO
PROJECT COORDINATOR



William J. Pascrell, Jr.
Mayor

Fax:

Jan 28 2011 03:04pm P006/017

MUNICIPAL SAFETY COMPLEX
111 BROADWAY
PATERSON, NJ 07650
PHONE (201) 881-3440
FAX (201) 278-3818

March 10, 1992

Ms. Janice DiClaudio
Principal MIS Technician
N.J. Dept. of Environmental Protection
Underground Storage Tank Department
CN 029
Trenton, N.J., 08625-0029

Dear Ms. DiClaudio:

Enclosed are fifteen (15) Registration Questionnaires for Underground Storage Tanks at various City Facilities. They are as follows:

Name	Location
0234551 Grand St. Fire House	97 Grand Street
0234560 Hillcrest Fire House	221 Union Avenue
0234579 Lakeview Ave Fire House	127 Trenton Avenue
0234588 Madison Ave Fire House	860 Madison Avenue
0234597 Madison Ave Fire House	850 Madison Avenue
0234605 Northside Fire House	48 Temple Street
0234614 Riverside Fire House	236 Lafayette Street
0234623 Southside Fire House	124 Getty Avenue
0234632 City Hall	155 Market Street
0234641 First National Bank Building	133 Ellison Street
0234650 First National Bank Building	125 Ellison Street
0234659 Municipal Complex	111 Broadway
0234678 Public Health Center	176 Broadway
0234687 Recreation Maintenance	50 Ryle Avenue
0234696 Southside Community Center	Montclair & Main Avenues

Please find enclosed a check for fifteen hundred dollars (\$15000.) for Registration Fees, (\$100 per registration) for each of the fifteen (15) buildings.

If there is any additional information you may require, please contact me at 881-3440.

cc: Anna-Lisa Dopirak - Business Administrator
Harry Hawk - Director of Department of Public Works
Nick Giella - City Engineer
Tony Zambrano - Director of Accounts and Controls

Very truly yours,
Donald D. D'Amico
Donald D'Amico



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
 DIVISION OF WATER RESOURCES
 CN 029
 Trenton, N.J. 08625-0029

0234551

**UNDERGROUND STORAGE TANK
 REGISTRATION QUESTIONNAIRE**

Bureau of Underground Storage Tanks
 Registration and Billing Section

1-800-722-TANK

AWT.	<input type="checkbox"/>	<input type="checkbox"/>
AUTH.	<input type="checkbox"/>	<input type="checkbox"/>
SP. ROUTE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SITE PLN.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SIGN.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COMCODE	1608	

Completion of this Registration Questionnaire will satisfy all initial registration requirements of the Underground Storage of Hazardous Substances Act, N.J.S.A. 58:10A-21, and the Registration and Billing Regulations N.J.A.C. 7:14B-2.

(Check appropriate box(es))

- A. ☐ Is this a registration of a proposed or newly installed underground storage tank?
 B. ☒ Is this a registration of an existing underground storage tank?

General Facility Information

1. Facility Name: CITY OF PATERSON
2. Facility Location: Grand Street NUMBER AND STREET
PATERSON CITY OR MUNICIPALITY
PLAISANCE COUNTY NJ STATE 07650 ZIP CODE
1 BLOCK 1 LOT
3. Owner's mailing address: MUNICIPAL COMPLEX FACILITIES DIV NUMBER AND STREET
PATERSON CITY OR MUNICIPALITY
PLAISANCE COUNTY NJ STATE 07650 ZIP CODE
4. Owner's name: CITY OF PATERSON
5. Contact person (Facility Operator): JOHN W. MANCINI PERSON OR TITLE
6. Contact telephone number: 201 AREA CODE 811 CHANGE 3440 NUMBER
7. Total number of facility underground storage tanks: 2 (Complete Questions 12 thru 32 for each tank)
8. Total facility underground storage tank capacity (gallons): 7550 550
9. Status of owner: (mark one)
 A. ☒ CURRENT B. ☐ FORMER
10. Type of owner (mark one) A. ☐ State B. ☐ Commercial C. ☒ Local D. ☐ Federal E. ☐ Charitable F. ☐ Residence G. ☐ Ownership or Public School Uncertain
- 11a. Two copies of a site plan are submitted with this registration A. ☐ YES B. ☒ NO

Submit two (2) copies of SITE PLAN showing facility or property boundary, buildings and the location of ALL underground storage tanks, EITHER, an existing engineering site plan, if available, OR a neat and legible hand-drawn sketch of the site may be submitted. In either case the site plan or sketch MUST show the location and distances that tanks, buildings, and dispensers are from the facility's property boundary. Include all tanks that are: E (existing/in use), P (empty), M (emergency), A (abandoned), C (other). Each underground tank on the site plan or sketch shall be numbered in accordance with the instructions for question 12. The number assigned to a tank on the site plan or sketch MUST match and be identical to the tank identification number assigned to that tank on this form.

INCLUDE FACILITY NAME, OWNER'S NAME, FACILITY ADDRESS AND TELEPHONE NUMBER ON ALL SITE PLANS.

- 11b. Do you have financial responsibility assurance? ☒ YES ☐ NO

Property & Casualty
(Type)
N/A
(Policy Number)

City of PATERSON (self insured)
(Company/Carrier)
N/A
(Expiration Date)

ALL underground tanks, including those taken out of operation (UNLES
GROUND) must be included in this registration. All in-ground tanks sha
questionnaire regardless of their current status; Existing, E; Empty, P; Emb

SPECIFIC TANK INFORMATION

	TANK NO.	TANK NO.	TANK NO.	TANK NO.	TANK NO.
12. Tank Identification number	0001	0002	0003	0004	0005
13. CAS number (hazardous substances only)					
14. Tank age (years)	210	210			
15. Tank size (gallons)	11000	15510			
16. Tank contents (MARK ONE X)					
A. Leaded gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Unleaded gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Alcohol enriched gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Light diesel fuel (No. 1-D)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Medium diesel fuel (No. 2-D)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Waste oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. Kerosene (No. 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. Home heating oil (No. 2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. Heating oil (No. 4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. Heavy heating oil (No. 6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L. Aviation fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M. Hazardous substances (please specify)					
N. Motor oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P. Lubricating Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q. Sewage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R. Sewage sludge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S. Hazardous waste (specify ID number)					
T. Industrial wastewater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U. Mineral spirits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
V. Mixtures (please specify)					
W. Emergency spill tank (specify substance)					
X. Other petroleum products (please specify)					
Y. Other (please specify)					
17. Tank and piping construction (MARK ALL THAT APPLY X)	Tank Piping	Tank Piping	Tank Piping	Tank Piping	Tank Piping
A. Bare steel	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
B. Carbon steel	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
C. Galvanized steel	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
D. Coated steel	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
E. Iron (cast or ductile)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
F. Cathodically protected steel	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
G. Fiberglass-coated steel	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
H. Other metallic (please specify)					
J. Fiberglass-reinforced plastic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
K. Other non-metallic (please specify)					
L. Other (please specify)					
18. Tank and piping structure (MARK ALL THAT APPLY X)	Tank Piping	Tank Piping	Tank Piping	Tank Piping	Tank Piping
A. Single wall	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
B. Double wall	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
C. Manway in tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Internal tank and piping lining (MARK ONE X)	Tank Piping	Tank Piping	Tank Piping	Tank Piping	Tank Piping
A. YES (please specify type of material)					
B. None	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

0234551

Tank I D. No.

TANK NO.

TANK NO.

	TANK NO. <u>E1</u>		TANK NO. <u>E2</u>		TANK NO. <u>1111</u>		TANK NO. <u>1111</u>		TANK NO. <u>1111</u>	
	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
2. Tank and piping lining installed (MARK ONE X)										
A. At purchase of tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Retrofitted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Secondary containment (MARK ALL THAT APPLY X)										
A. Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Vault	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Double wall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Other (please specify)										
22. External type/application of cathodic protection (MARK ALL THAT APPLY X)										
A. Sacrificial anode	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Impressed current	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Other (please specify)										
23. Monitoring/detection method (MARK ALL THAT APPLY X)										
A. Automatic sampling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Manual sampling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Ground water monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. System in secondary containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. System outside backfill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. System within piping (piping leak detector)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. System within backfill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Type of monitoring/detection system (MARK ALL THAT APPLY X)										
A. Continuous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Event activated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Audio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Visual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. In-tank (automatic) monitoring gauge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Pressure/vacuum loss sensor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. Liquid filled annular space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. Liquid sensor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. Vapor sniff wells	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. Other (please specify)										
L. None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Tank/piping tested (any type) (MARK ALL THAT APPLY X)										
A. Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Test positive (MARK IF LEAK WAS DISCOVERED)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. Leak/spill occurrence (MARK ALL THAT APPLY X)										
A. Within the past 1 year	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Within the past 1 to 5 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. More than 5 years ago	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. No Records	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Tank I D. No.	TANK NO.	TANK NO.	TANK NO.	TANK NO.
		E1	E2		
27. Tank status (MARK ONE X)					
A. In-use	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
† B. Empty less than 12 months	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
† C. Empty 12 months or more	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
† D. Emergency spill tank (sump)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
† E. Abandoned, in place, filled and sealed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Other (please specify)					
28. Spill recovery system on-site (MARK ONE X)					
A. Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29. Overfill protection (tank only) (MARK ONE X)					
A. Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30. Spill containment around fill pipe (MARK ONE X)					
A. Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
† If boxes 27 B, C, D, E above have been answered -- answer questions 31 and 32 below.					
31. Substance last used in tank (MARK ONE X)					
A. Leaded gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Unleaded gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Alcohol enriched gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Light diesel fuel (No. 1-D)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Medium diesel fuel (No. 2-D)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Waste oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. Kerosene (No. 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. Home heating oil (No. 2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. Heating oil (No. 4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. Heavy heating oil (No. 6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L. Aviation fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M. Hazardous substances (per Fact Sheet)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N. Motor oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P. Lubricating Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q. Sewage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R. Sewage sludge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S. Hazardous waste (specify ID number)					
T. Industrial wastewater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U. Mineral spirits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
V. Mixtures (please specify)					
W. Emergency spill tank (specify substance)					
X. Other petroleum products (please specify)					
Y. Other (please specify)					
32. Estimated date last used (month/year)					
	02/92	02/92			
	Mo. Yr.	Mo. Yr.	Mo. Yr.	Mo. Yr.	Mo. Yr.

OWNER OR OPERATOR CERTIFICATION

"I certify under penalty of law that the information provided in this document is true, accurate and complete. I am aware that there are significant civil and criminal penalties for submitting false, inaccurate or incomplete information, including fines and/or imprisonment."

Donald D. Lorenzo
(SIGNATURE) 2-18-92
(DATE)
Donald D. Lorenzo
(PRINT OR TYPE NAME)
Asst. ENGR.
(TITLE)

MAR 12 1999

UNDERGROUND STORAGE TANK
FACILITY CERTIFICATION QUESTIONNAIRE

FOR STATE USE ONLY

Check In ☐ Yes ☒ No

STATUS COMCODE
Active Inactive
☐ ☐ ☐

FACILITY UST # 0234551

Completion of this Registration Questionnaire will satisfy the registration requirements of the Underground Storage of Hazardous Substances Act, N.J.S.A. 58:10A-21, and the Registration and Billing Regulations N.J.A.C. 7:14B-2.

Check appropriate box.

- A. ☐ This is a registration of a proposed or newly installed underground storage tank. (This form must be filed at least 30 days prior to operation)
B. ☐ This is a registration of an existing underground storage tank not presently registered.
C. ☐ This is a correction or amendment to an existing facility registration.
D. ☒ There have been no changes to the facility registration since last submittal. (Go to certification page for signature)

If "C" is checked above, please check the appropriate type of change(s) below

- | | | |
|--|---|--|
| <input type="checkbox"/> Facility Name and/or Address Change | <input type="checkbox"/> Type of Product(s) Stored | <input type="checkbox"/> Financial Responsibility Change |
| <input type="checkbox"/> Owner Name and/or Address Change | <input type="checkbox"/> Substantial Modification(s) | <input type="checkbox"/> Sale or Transfer (Complete Section A, Questions 4, 5, 6 & Section B, 12D) |
| <input type="checkbox"/> Facility Operator and/or Address Change | <input type="checkbox"/> Tank(s) and/or Piping Changes | <input type="checkbox"/> Other (please specify) |
| <input type="checkbox"/> Owner Contact Person Change | <input type="checkbox"/> Closure (Complete Section B Questions 1, 4, 5, 11, 12) | |

MAR 11 1999

SECTION A - GENERAL FACILITY INFORMATION

Facility Name	CITY OF PATTERSON
Facility Location	977 GRAND ST
	NUMBER AND STREET
	CITY OR MUNICIPALITY
	COUNTY STATE ZIP CODE BLOCK LOT
3. Facility Operator	FRANKIE D. DOTT
Operator Address (if different than #2)	
	PERSON OR TITLE
	NUMBER AND STREET
	CITY OR MUNICIPALITY
	STATE ZIP CODE
4. Tank Owner	CITY OF PATTERSON
5. Tank Owner Address	977 GRAND ST
	NUMBER AND STREET
	CITY OR MUNICIPALITY
	STATE ZIP CODE
6. Contact Person (Tank Owner)	CITY OF PATTERSON
	PERSON OR TITLE
	NUMBER AND STREET
	CITY OR MUNICIPALITY
	STATE ZIP CODE
7. EPA ID#	
8. Total number of regulated underground storage tanks at facility	0002
	(Complete Section B for each tank)

9. Total regulated underground storage tank capacity at facility (gallons)

111,455.61

Fax:

Jan 28 2011 03:05pm P012/017

10. Facility Type: A ☐ State B ☐ Commercial/Industrial C ☒ County/Municipal D ☐ Federal E ☐ Charitable / Public School F ☐ Residential G ☐ Other H ☐ Farm (as defined in N.J.S.A. 54:4-23.1 et seq.)

11. The facility site plan must be submitted when registering any underground storage tank pursuant to N.J.A.C. 7:14B 2.2.

SECTION B - SPECIFIC TANK INFORMATION

ALL underground tanks, including those taken out of operation (UNLESS THE TANK WAS REMOVED FROM THE GROUND PRIOR TO 9/3/86) must be registered. Report all tank/piping status changes.

	TANK NO.			TANK NO.			TANK NO.			TANK NO.			TANK NO.		
1. Tank Identification Number															
2. CAS Number (hazardous substances only)															
3. Date Tank Installed (Month/Day/Year)	Mo.	Day	Year	Mo.	Day	Year	Mo.	Day	Year	Mo.	Day	Year	Mo.	Day	Year
4. Tank Size (gallons)	1000			550											
5. Tank Contents (Mark one "X" for each tank)															
A. Leaded gasoline															
B. Unleaded gasoline															
C. Alcohol enriched gasoline															
D. Light diesel fuel (No. 1-D)															
E. Medium diesel fuel (No. 2-D)															
F. Waste oil															
G. Kerosene (No. 1)															
H. Home heating oil (No. 2)															
I. Heating oil (No. 4)															
J. Heavy heating oil (No. 6)															
K. Aviation fuel															
L. Motor oil															
M. Lubricating oil															
N. Other hazardous substances (specify)															
O. Hazardous waste (specify ID number)															
P. Mixtures (please specify)															
Q. Emergency spill tank (specify substance)															
R. Other petroleum products (please specify)															
S. Other (please specify)															
6. Tank & Piping Construction (Mark one each for tank and piping)	Tank	Piping		Tank	Piping		Tank	Piping		Tank	Piping		Tank	Piping	
A. Bare steel															
B. Cathodically protected metal															
1. Sacrificial anode															
2. Impressed current															
C. Fiberglass-coated steel															
D. Fiberglass-reinforced plastic															
E. Internally lined															
F. Pressurized piping															
G. Suction piping															
H. Other (please specify)															
7. Tank & Piping Structure (Mark one each for tank & piping)															
A. Single wall															
B. Double wall															
C. Other (please specify)															
8. Type of Monitoring/Detection (Mark all that apply for tank & piping)															
A. Statistical inventory reconciliation															
B. Manual tank gauging															
C. Inventory control															
D. Interstitial															
E. Tightness test															
F. Ground water observation wells															
G. Vapor observation wells															
In-tank (automatic monitoring gauge)															
"Safe" suction piping (piping only)															
see definition page 4															
K. In-line electronic pressure monitor (piping only) see definition page 4															
L. Automatic line leak detector (piping only)															
M. None (tank & piping)															
N. Other (please specify)															

Tank Identification Number	Tank	Tank	Tank	Tank	Tank
9. Overfill protection (tank only) (Mark one X for each tank)					
A. Yes					
B. No					
10. Spill containment around fill pipe (Mark one X for each tank)					
A. Yes					
B. No					
11. Tank status (Mark one X for each tank system)					
A. In-use					
B. Empty less than 12 mos. (complete 12B)					
C. Empty 12 mos. or more (complete 12B)					
D. Sump (contains products no more than 48 hours)					
E. Emergency back-up generator tank					
F. Abandoned in place					
G. Removed					
H. Other (Please specify)					
12. Closure Information - Tank ID No.	TANK NO.	TANK NO.	TANK NO.	TANK NO.	TANK NO.
	Mo. Day Year	Mo. Day Year	Mo. Day Year	Mo. Day Year	Mo. Day Year
A. Date abandoned in place					
B. Date taken out of service					
C. Date removed					
D. Date of sale or transfer					
E. Closure # (if applicable)					
F. ISRA # (if applicable)					
13. Is the tank within wellhead protection area as defined on pg. 4 (Mark one X for each tank)					
A. Yes					
B. No					

SECTION C - FINANCIAL RESPONSIBILITY

Does this facility have a Financial Responsibility Assurance Mechanism as required in 40 CFR 280?

☐ YES ☐ NO

Please list the appropriate financial information below:

Type	Carrier/Issuing Agency
Effective Date	Expiration Date
Policy Number	Amount

SECTION D - MONITORING SYSTEMS

Does this facility have a release detection monitoring system which is in compliance with N.J.A.C. 7:14B-6?

☐ YES ☐ NO

If "No", please be aware that the facility must meet the appropriate deadline. (See "Dates to Know" on Page 4)

SECTION E - RECORD KEEPING / COMPLIANCE

Please answer all the questions in this section on a facility basis. Any one tank not in compliance requires a "NO" answer for the entire facility.

- Does this facility have cathodic protection systems for all steel tanks and piping?
If "Yes", are the systems properly operated and maintained pursuant to N.J.A.C. 7:14B-5.2?
☐ YES ☐ NO
- Are the performance claims and documentation of monitoring systems maintained by the owner or operator pursuant to N.J.A.C. 7:14B-6.7?
☐ YES ☐ NO
- Are the proper monitoring, testing, sampling, repair and inventory records kept on-site pursuant to N.J.A.C. 7:14B-5 and 6?
☐ YES ☐ NO
- Is the proper Release Response Plan kept on-site pursuant to N.J.A.C. 7:14B-5.5?
☐ YES ☐ NO
- Does the facility have spill and overfill protection systems pursuant to N.J.A.C. 7:14B-4?
☐ YES ☐ NO
- Have all Fill Ports been permanently marked per API #1637 pursuant to N.J.A.C. 7:14B-5.8?
☐ YES ☐ NO

IMPORTANT INFORMATION

FEE: Please make checks payable to: "Treasurer, State of New Jersey". Use of the enclosed return envelope will expedite processing. Registration and Billing Schedule can be found in N.J.A.C. 7:14B-3. All Initial Registration fees are \$100 per facility. (See N.J.A.C. 7:14B-3.1 and 3.2(c)).

PENALTY: Failure by owner or operator of a regulated underground storage tank to comply with any requirement of the State UST Act or regulations may result in the penalties set forth in N.J.S.A. 58:10A-12.

EMERGENCY: If a discharge or spill occurs, the NJDEP Hotline at (609) 292-7172 must be called **IMMEDIATELY** - 24 hours a day.

EXEMPTION: Residential heating oil underground storage tanks are exempt from all underground storage tank requirements.

- December 22, 1988 - All new federally regulated tank systems must have corrosion protection and spill/overflow protection.
 September 4, 1990 - All new state-only regulated tank systems must have corrosion protection and spill/overflow protection.
 February 19, 1993 - All federally regulated tank systems must maintain financial responsibility assurance.
 December 22, 1993 - All federally regulated tank systems must have begun leak detection.
 December 22, 1998 - All regulated tanks shall have corrosion protection and spill/overflow protection.
 December 22, 1998 - All state regulated tanks need leak detection.

CERTIFICATION

Must be signed as follows:

- For a corporation, by a person authorized by resolution of the Board of Directors to sign the document.
- For a partnership or sole proprietorship, by a general partner or the proprietor, respectively.
- For a municipality, State, Federal or other public agency, by either a principal executive officer or ranking elected official.
- For persons other than indicated above, by the person with legal responsibility for the site.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and that based on my inquiry of those individuals responsible for obtaining the information. I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties."

JAMES K. PASQUARELLI
 (Typed / Printed Name)

James K. Pasquarelli
 (Signature)

CHIEF
 (Title)

3/8/99
 (Date)


DEFINITIONS

- Section B8 J. "Safe" Suction Piping - Suction Piping which has enough slope so that the product in the pipe can drain back into the tank when the suction is released, and which has only one check valve, located directly beneath the pump in the dispensing unit.
- Section B8 K. In-Line Electronic Pressure Monitor - (Used with pressurized piping only) A monitor which checks for loss of pressure in piping when no product is dispensed. This method may be used once every 30 days or every time the dispenser turns off.
- Section B8 L. Automatic Line Leak Detectors - (Required with pressurized piping - Must be able to detect a 3 gph leak within 1 hour of its occurrence)
1. Flow restrictors and flow shut offs which monitor pressure within piping and when a suspected leak is detected, either restricts the flow of product through the piping well below the 3 gph leak rate it detects, or completely cuts off product flow and shuts down the pump.
 2. Continuous alarm systems constantly monitor piping conditions and trigger an audible or visual alarm if a leak is suspected.
- Section B13 Wellhead Protection Area -
1. The area within a 2,000 ft. radius surrounding a public community or public non-community water system well when there is an underground storage tank containing gasoline or non-petroleum hazardous substances located within that area.
 2. The area within a 750 ft. radius surrounding a public community or public non-community water system well when there is an underground storage tank containing petroleum products other than gasoline located within that area.

100000

Fax:

Jan 28 2011 03:06pm P015/017

FOR NJDEP USE ONLY	
RECEIVED DATE	<u>4-5-99</u>
NOTIFICATION #	<u>799-0426</u>
NJDEP APPROVAL:	

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF FIELD OPERATIONS
401 EAST STATE STREET
P.O. BOX 435
TRENTON, NEW JERSEY 08625-0435

**30 DAY NOTICE OF INTENT TO CLOSE AN UNDERGROUND STORAGE
TANK SYSTEM**

Submission of this notification satisfies the requirements of N.J.A.C. 7:14B-9.2. An Underground Storage Tank Facility Questionnaire must be completed and submitted to the Department upon completion of the closure activities.

Do not use this form to notify the Department of a request for a variance from the technical Requirements of Site Remediation, N.J.A.C. 7:26E. Instead, use a Closure Plan Approval Application, UST-013, 02/95.

- Please type or print legibly in ink. Call 609/633-0708 for help in completing this notification.
- Please sign and return one original of this form to the address above.
- The UST system must be registered. If the UST system is not registered this form will not be processed.

Facility Registration # 0234551

Date Underground Storage Tank(s)
and/or piping will be removed June 1999

- A. FACILITY NAME Firehouse No. 11
- FACILITY STREET ADDRESS 97 Grand Street
- MUNICIPALITY City of Paterson County Passaic
- TELEPHONE NUMBER (973) 881-3429
- B. OWNER'S NAME Conway Mangullo c/o City of Paterson
- STREET ADDRESS DPW, 800 Broadway - Eastside Park CITY Paterson
- STATE NJ ZIP 07505 TELEPHONE NUMBER (973) 881-3429
- C. OPERATOR'S NAME City of Paterson
- STREET ADDRESS 97 Grand Street CITY Paterson
- STATE NJ ZIP 07505 TELEPHONE NUMBER (973) 881-3429

D. Indicate below name and certification number of the firm performing the UST service:

1. FOR UST CLOSURE (PHYSICAL REMOVAL OR ABANDONMENT) ACTIVITIES.

Name of Certified Firm Environmental Waste Mgmt. Assoc., LLC CERTIFICATION # US00113

2. FOR SUBSURFACE (SITE INVESTIGATION, CORRECTIVE ACTION ETC.) ACTIVITIES.

Name of Certified Firm Environmental Waste Mgmt. Assoc., LLC CERTIFICATION # US00113

E. Check Proposed Activity

✓✓✓ 1. Closure of Underground Storage Tank System

Complete the following information concerning UST system to be removed or abandoned-in-place. Check here and attach additional page(s) if needed. If piping only please enter NA in Number of Tanks field and Tank Capacity field.

Number of Tanks	Length of appurtenant piping (ft)	Tank Capacity (gallons)	SUBSTANCE Stored*	Closure Type (circle one)
<u>1</u>	<u>10</u>	<u>550</u>	<u>Diesel Fuel</u>	<u>REMOVAL</u> / ABANDONMENT
<u> </u>	<u> </u>	<u> </u>	<u> </u>	REMOVAL / ABANDONMENT
<u> </u>	<u> </u>	<u> </u>	<u> </u>	REMOVAL / ABANDONMENT
<u> </u>	<u> </u>	<u> </u>	<u> </u>	REMOVAL / ABANDONMENT
<u> </u>	<u> </u>	<u> </u>	<u> </u>	REMOVAL / ABANDONMENT
<u> </u>	<u> </u>	<u> </u>	<u> </u>	REMOVAL / ABANDONMENT

* If material is not a petroleum product, use chemical name and CAS number to identify tank's content. (Brand or trade names are unacceptable.)

 2. Change in Service from a Regulated to a Non-regulated Substance

The owner or operator must submit to the Department (1) documentation that the owner operator of the underground storage tank (UST) system has emptied and cleaned the UST system by removing all liquid and accumulated sludge prior to the change in storage in accordance with N.J.A.C. 7:14B-9.4(a) and (2) the results of a site investigation or a remedial investigation conducted in accordance with N.J.A.C. 7:14B-9.4(a) or 7:14B-9.4(b), whichever is appropriate. Additionally, the owner/operator must submit a Facility Questionnaire indicating the change to the Bureau of State Case Management, Registration & Billing Section.